

ABSTRACT

A compression anchor for holding a support member, such as a cylindrical handrail, is disclosed. The anchor includes a body having a cavity and a wedge portion that connects to the body using thick threads, such as 2-4 ACME 2-G threads. The wedge is substantially cylindrical and encircles a support member received in the cavity. A compression ring is in contact with the body and the wedge portion. As the wedge portion turns relative to the body using the threads, the compression ring expands and contracts to loosen or tighten the connection between the received support member and the anchor. The wedge portion and the body are corrosion resistant.